



The surface roughness is too large (Figs. 1A and 1C)

The surface roughness is too small (Figs. 1B and 1D)

The work contacts with the work-heating surface (Figs. 1A and 1B)

The work is held apart from the work-heating surface (Figs. 1C and 1D)

Fig. 1A

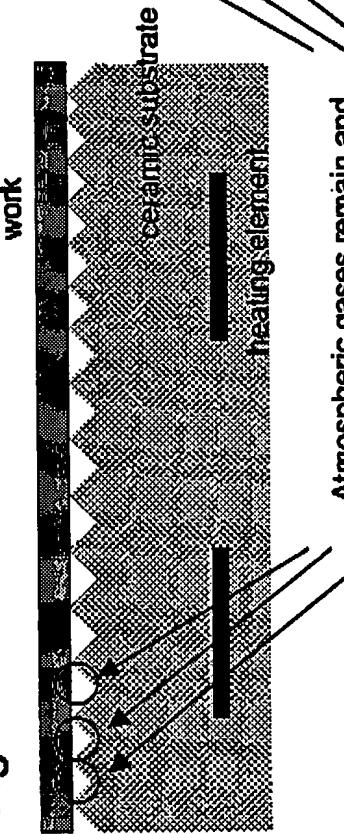
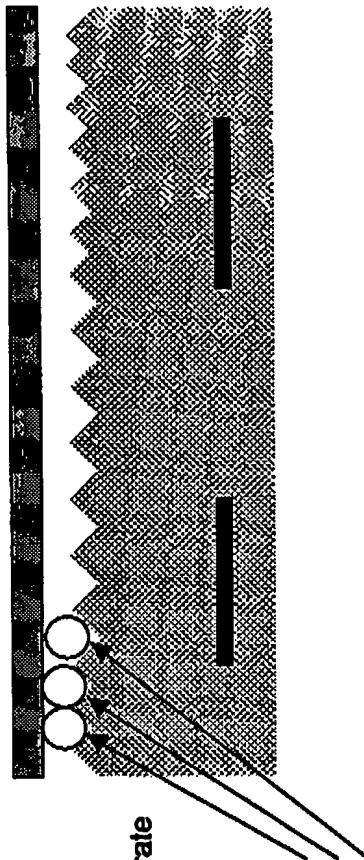


Fig. 1C



Atmospheric gases remain and cause accumulation of heat.

Fig. 1B

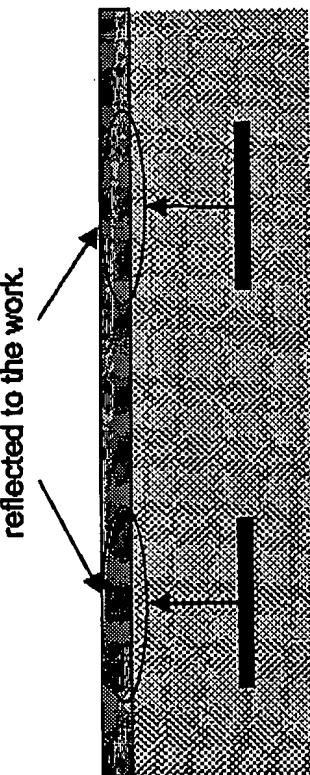


Fig. 1D

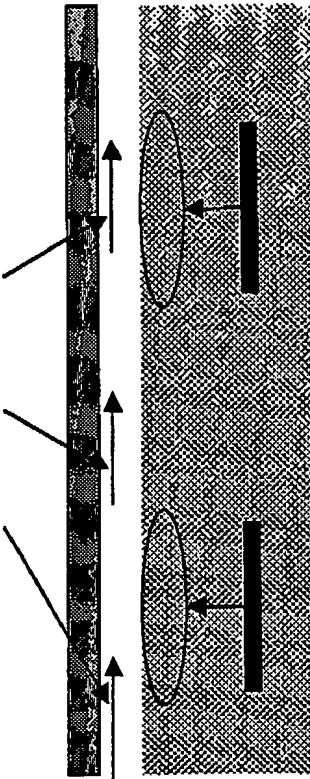




Fig. 2

**Electrode layer has a surface roughness
 R_{max} of 5 μm or larger (claim 1).**

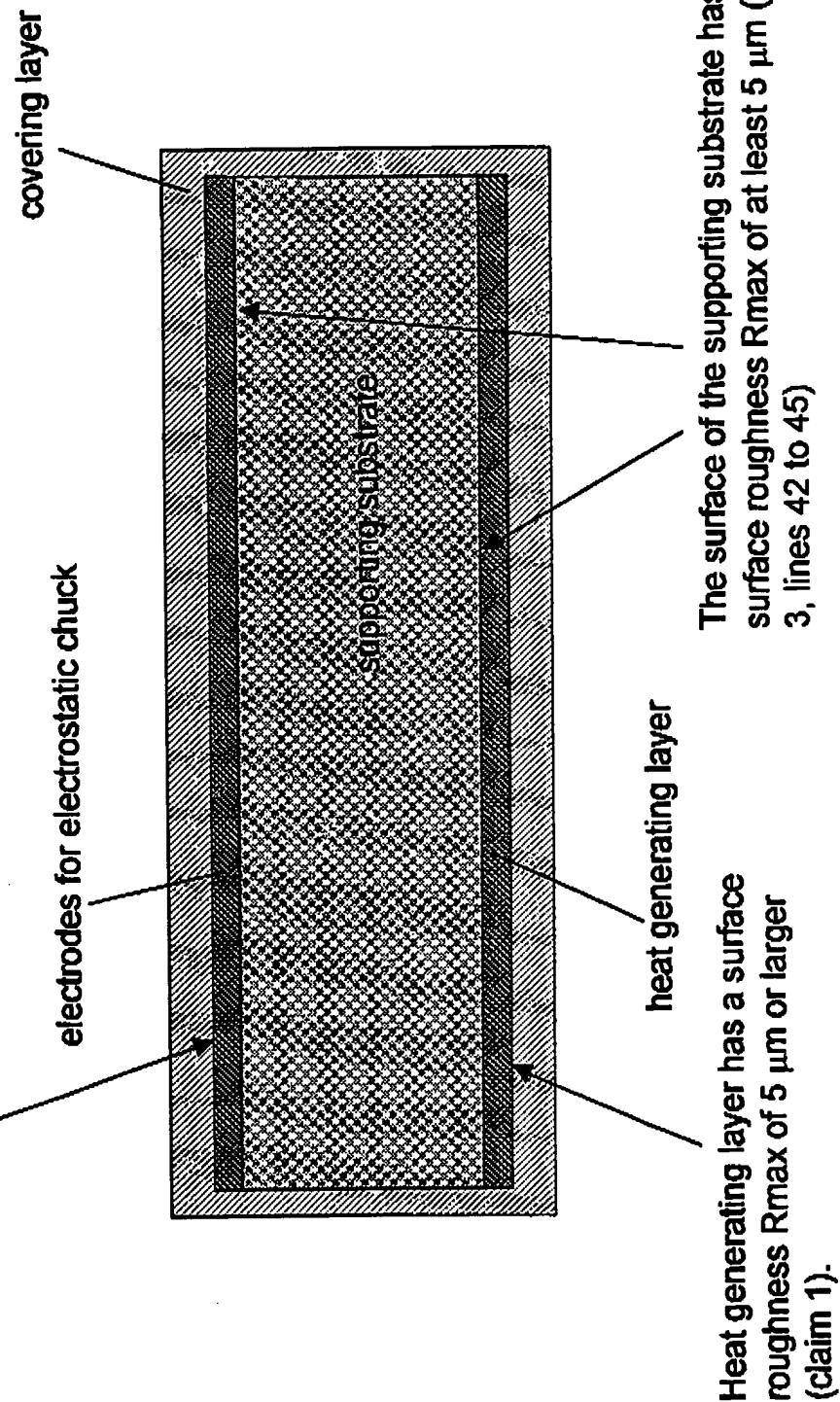




Fig. 3A

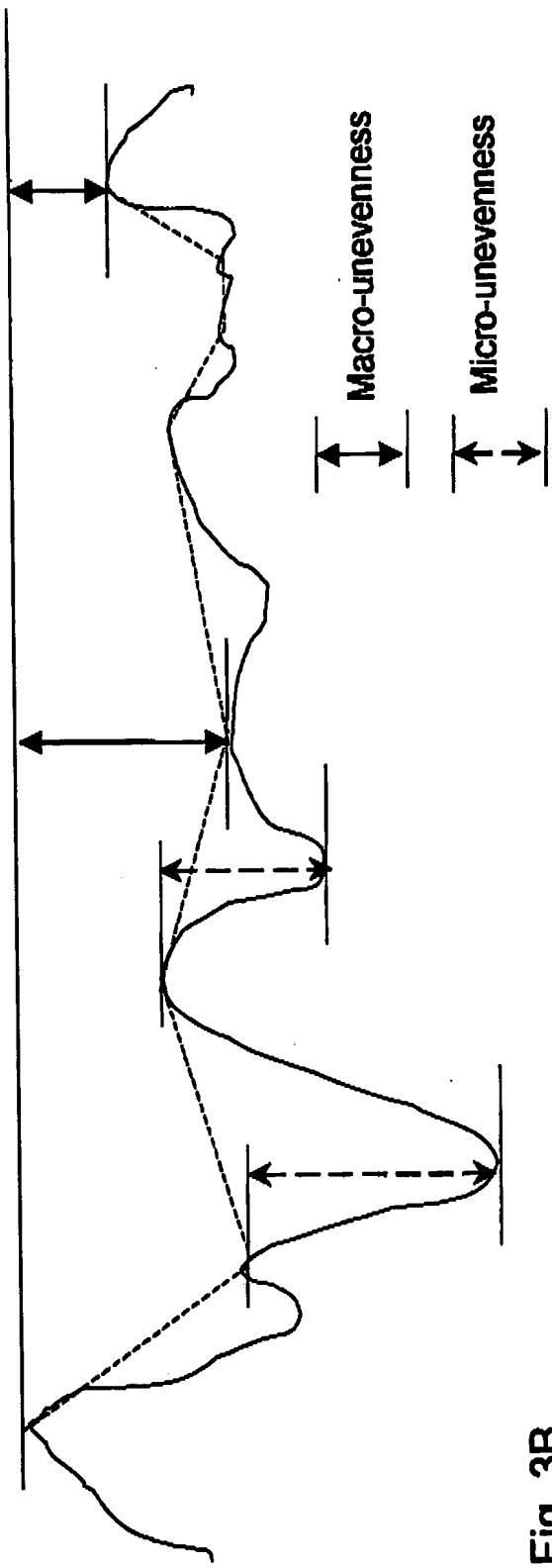


Fig. 3B

